

#### IV. INTENSITIES OF THE SOLAR CORONA

in monochromatic emission at position angles every 5 degrees

For all the stations, the origin of the position angles is at the north pole of the sun

Contributing Observatories: Norikura, Kislovodsk, Lomnický Štít

1997

Photoelectrically measured intensities in units of  $10^{-6}$  of the photospheric  
Signs 'X' indicate that the measurements were not performed; signs '-' indicate

530.28 nm

DATE (U T)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170			
Oct.																																						
3 01:57	10	9	9	7	6	7	10	12	16	13	18	26	28	27	34	35	19	9	9	10	11	24	41	57	57	46	34	30	11	6	5	7	4	0	0			
9 05:34	9	9	9	11	16	19	21	19	16	17	20	24	45	46	21	13	11	11	10	10	10	10	10	11	11	11	10	10	10	10	10	11	10	8	8	4		
10 04:44	13	13	14	14	18	24	27	24	20	20	25	29	30	38	22	18	15	14	15	14	14	14	14	14	14	14	15	14	12	10	11	12	11	10	10	9		
17 03:48	4	5	7	7	8	8	10	10	13	13	11	12	23	38	40	27	21	12	9	8	8	11	19	36	37	36	18	14	11	10	7	4	2	1	1			
18 00:16	0	0	0	0	0	0	0	0	0	0	0	0	0	7	17	13	4	0	0	0	0	0	0	1	17	11	8	0	0	0	0	0	0	0	0	0		
19 01:15	0	0	0	0	0	0	1	6	7	11	13	13	13	19	21	9	5	2	1	0	0	0	2	8	25	25	19	17	4	7	5	5	0	0	0			
20 05:41	18	18	18	18	20	22	25	31	34	39	44	44	38	31	26	23	23	23	22	22	23	23	25	27	34	39	33	28	24	25	24	20	17	17	16			
20 23:41	8	8	7	9	11	14	19	25	27	30	32	44	39	25	18	15	15	17	15	15	15	15	16	18	20	21	23	18	18	18	18	18	15	11	11	9		
21 05:20	0	0	0	0	2	5	10	16	17	19	21	36	39	14	6	3	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
21 23:15	2	1	1	1	2	4	10	17	16	15	17	29	44	13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
22 22:47	15	14	14	13	12	15	24	27	24	24	23	28	26	19	13	11	11	11	9	9	8	10	10	10	9	8	8	8	7	6	5	4	4	0	0	0		
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28 00:00	14	14	14	15	17	19	19	20	19	20	24	30	37	35	27	21	17	11	10	11	14	17	24	42	39	27	21	13	12	10	7	4	3	4	4	4		
Nov.																																						
1 23:57	0	0	0	0	4	11	14	10	10	16	24	42	50	22	14	7	4	4	4	5	5	11	18	21	23	26	18	19	14	11	14	13	10	7	6			
3 01:24	2	1	2	2	4	12	18	14	9	15	25	42	66	41	16	6	4	4	5	5	6	7	9	14	15	20	22	17	14	8	9	9	8	4	3			
7 03:13	0	0	0	0	0	9	14	12	12	13	16	20	27	17	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	9	14	14	
9 03:55	8	7	6	8	11	17	18	17	15	14	16	15	11	9	8	8	5	4	3	3	3	3	3	3	5	5	3	2	2	2	3	4	7	8				
Dec.																																						
4 05:55	5	5	5	6	8	15	16	11	9	14	20	21	26	16	7	4	4	4	4	4	4	5	6	7	8	14	14	11	10	9	10	9	5	5	5			
11 03:09	12	11	11	11	12	12	13	15	16	18	21	29	34	38	48	42	26	21	19	20	22	28	35	32	30	28	25	25	24	23	22	21	21	22	21			
13 02:09	10	8	6	7	7	7	7	8	7	8	14	19	18	18	19	13	9	7	6	7	7	13	20	23	22	17	13	13	11	9	9	9	9	8	7			
14 02:38	3	1	1	2	3	4	6	8	9	11	20	23	23	22	23	20	17	16	15	15	16	18	19	19	16	13	7	4	2	0	0	0	0	0	0			
16 02:47	13	12	11	12	13	13	15	16	18	18	21	24	24	23	24	23	21	22	24	25	24	25	27	26	29	29	29	29	24	25	22	22	19	16	15	13		
19 04:48	16	16	16	16	24	24	22	26	30	29	29	32	32	24	23	24	24	25	29	37	62	83	65	41	37	35	25	25	27	26	22	21	19	18				
24 05:25	2	1	2	3	4	10	11	12	12	17	21	32	61	52	47	36	22	12	11	8	6	9	13	17	21	22	14	11	9	10	7	2	1	1	1			
25 05:14	5	5	5	5	8	11	12	14	16	18	24	39	52	45	33	19	17	11	10	9	7	7	10	14	26	21	13	10	10	9	8	4	3	3	3			
29 05:20	0	0	0	0	0	2	9	8	7	11	20	34	22	10	3	2	3	3	3	3	4	4	7	11	14	12	15	14	15	15	13	12	12	12	12			



















Observatory

spectrum of the disk center, at the same wavelength and of 1Å width.

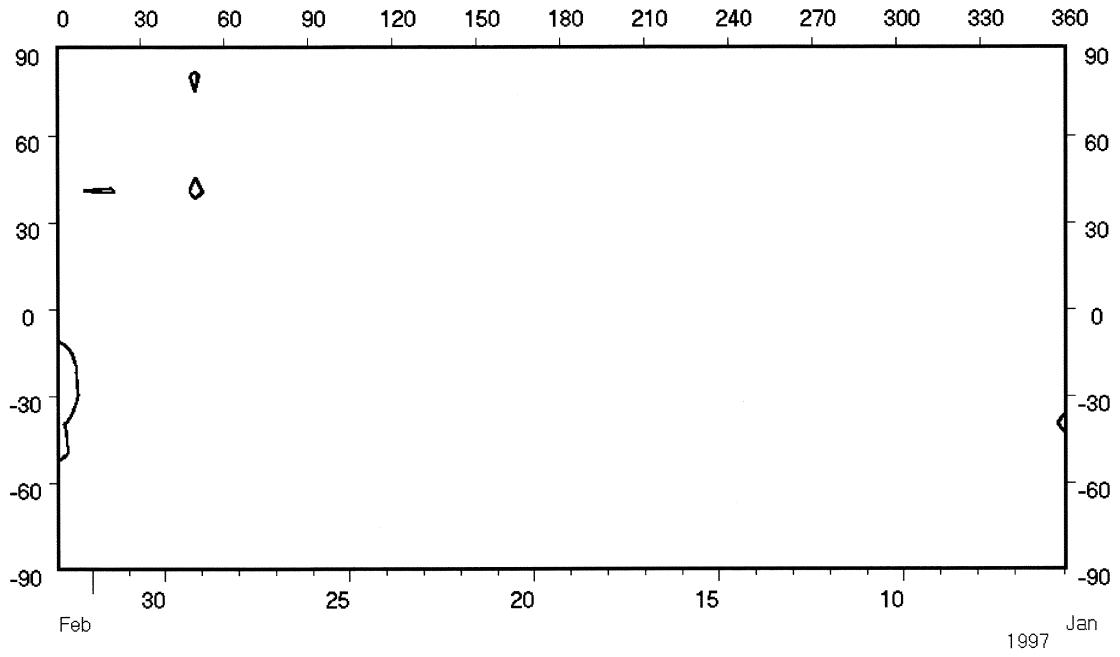
that the intensities of the corona were not visible or too weak to be measured.

Table with columns labeled 175 to 355 and rows of numerical data. The table contains multiple rows of data, likely representing a spectral intensity matrix for different wavelengths. The data is organized into several distinct blocks or groups within the table.

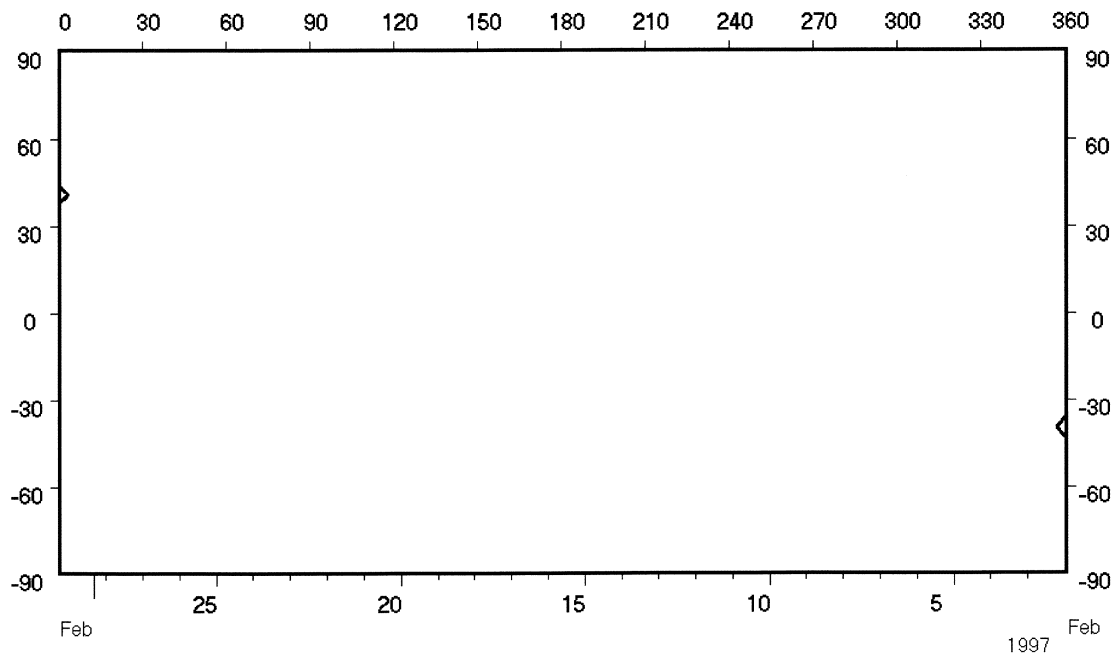




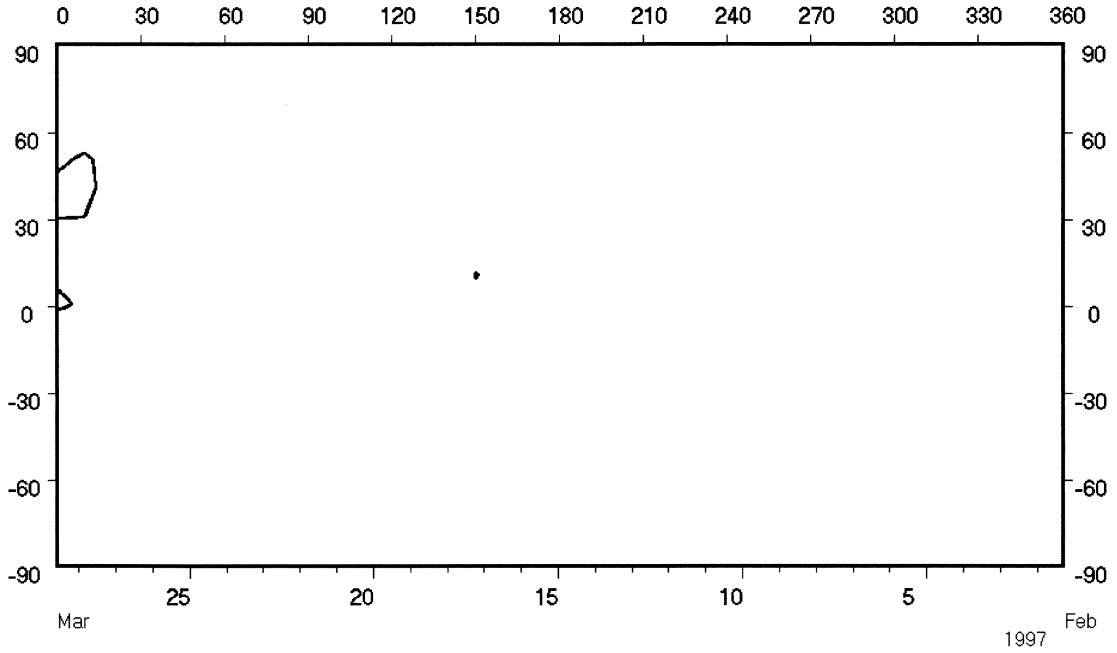
Kislovodsk Solar Station of the Pulkovo Observatory  
1997 – CR 1918



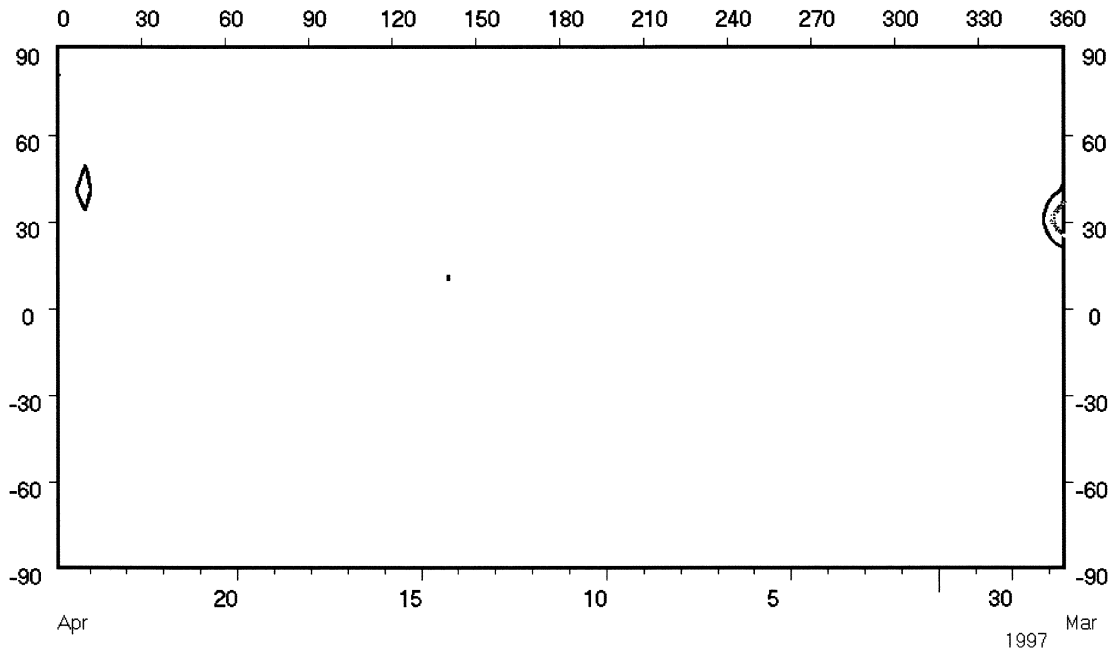
Kislovodsk Solar Station of the Pulkovo Observatory  
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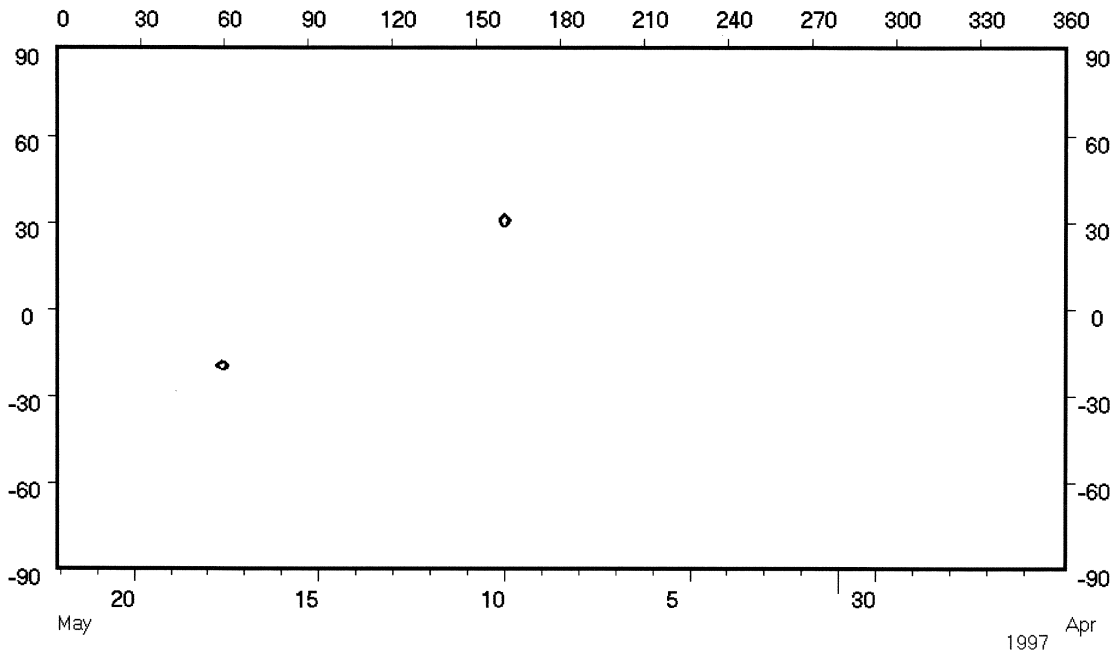
**Kislovodsk Solar Station of the Pulkovo Observatory  
1997 - CR 1920**



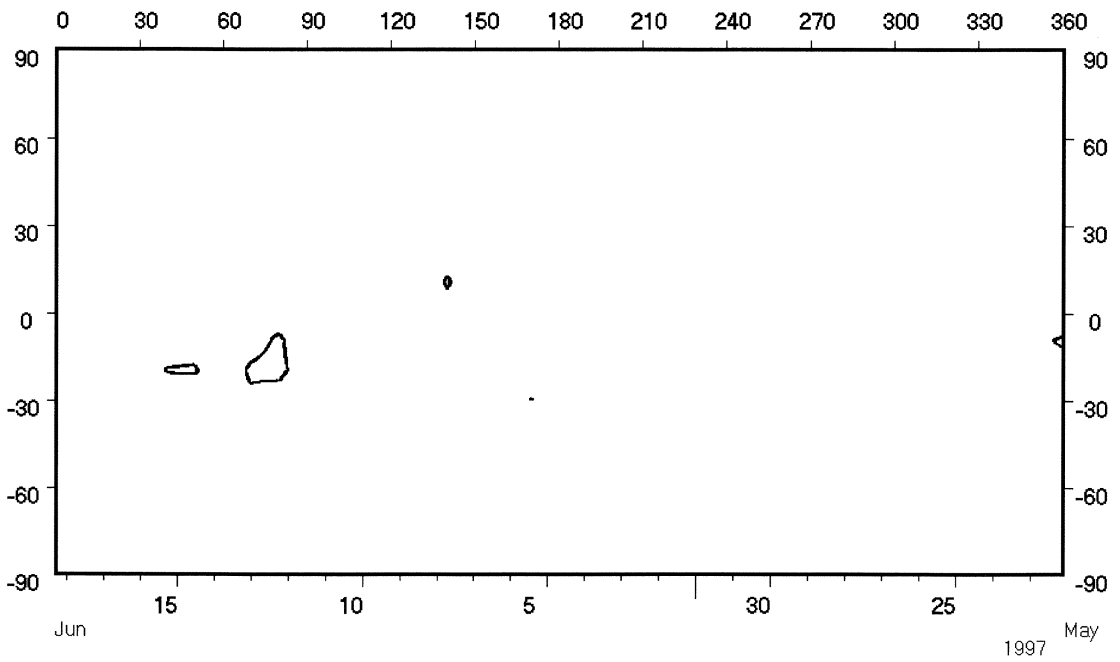
**Kislovodsk Solar Station of the Pulkovo Observatory  
1997 - CR 1921**



Kislovodsk Solar Station of the Pulkovo Observatory  
1997 - CR 1922

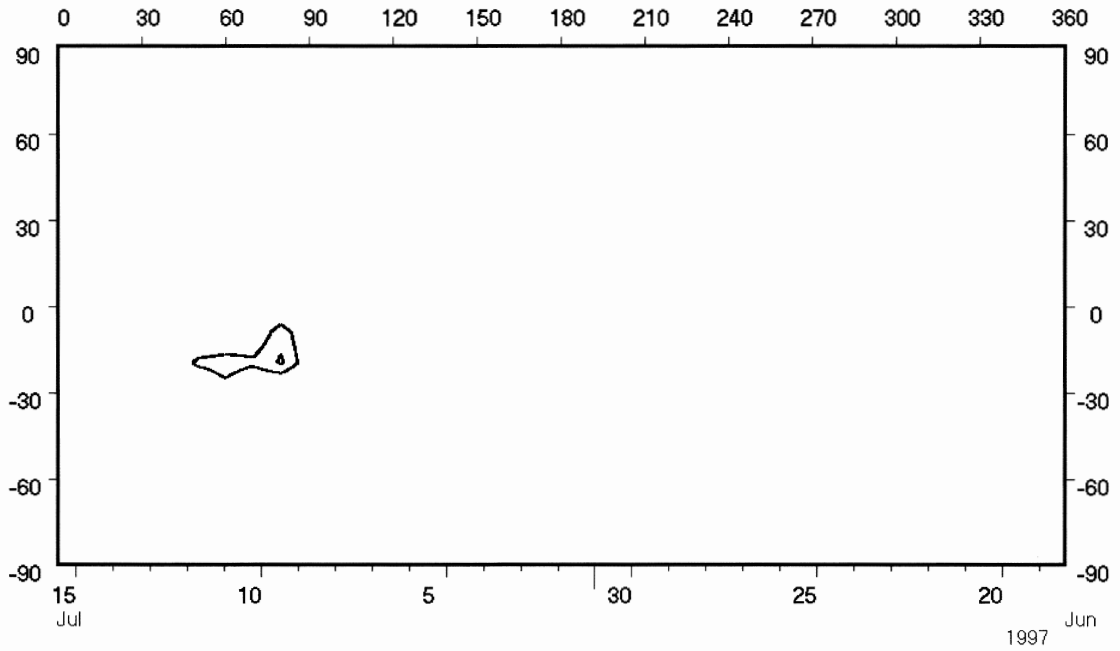


Kislovodsk Solar Station of the Pulkovo Observatory  
1997 - CR 1923

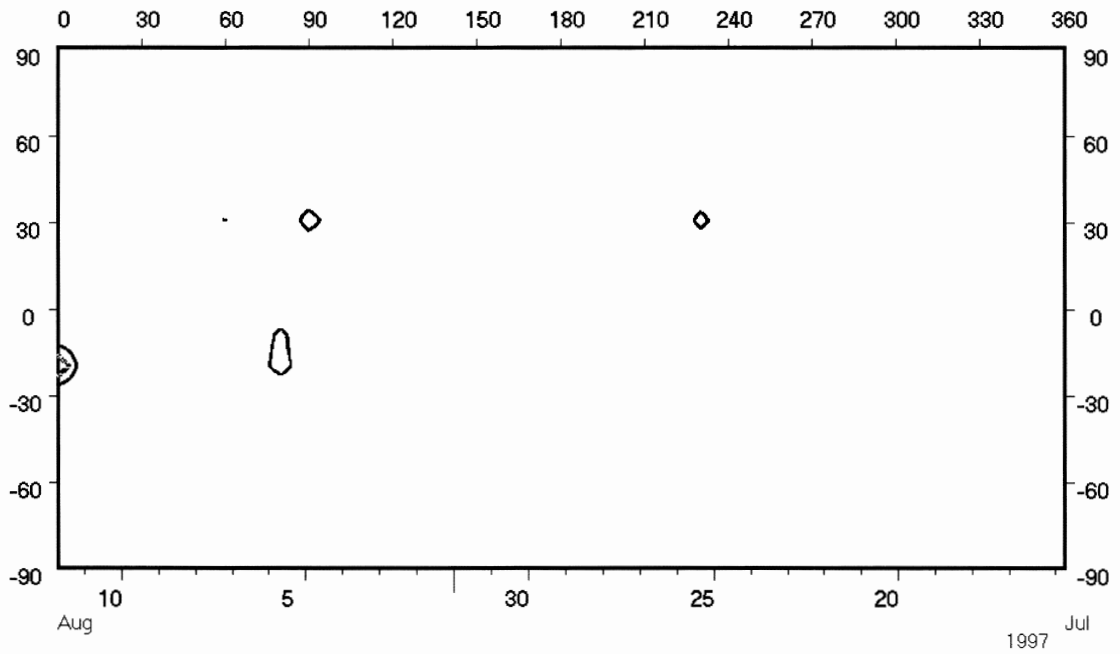




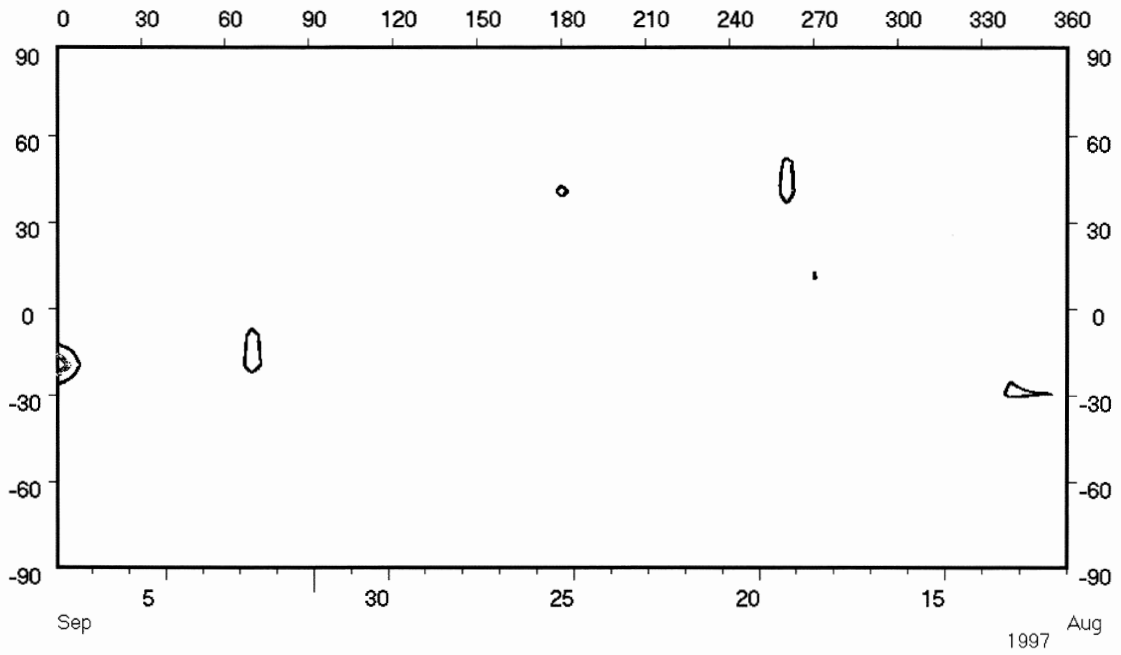
Kislovodsk Solar Station of the Pulkovo Observatory  
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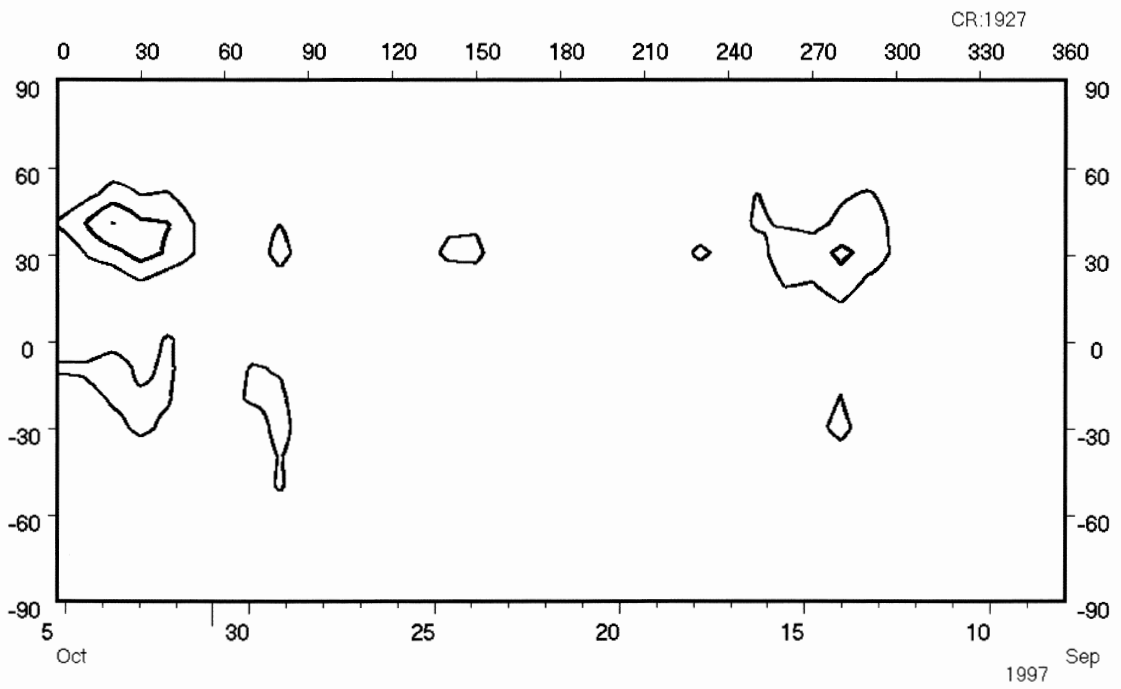
Kislovodsk Solar Station of the Pulkovo Observatory  
1997 - CR 1925



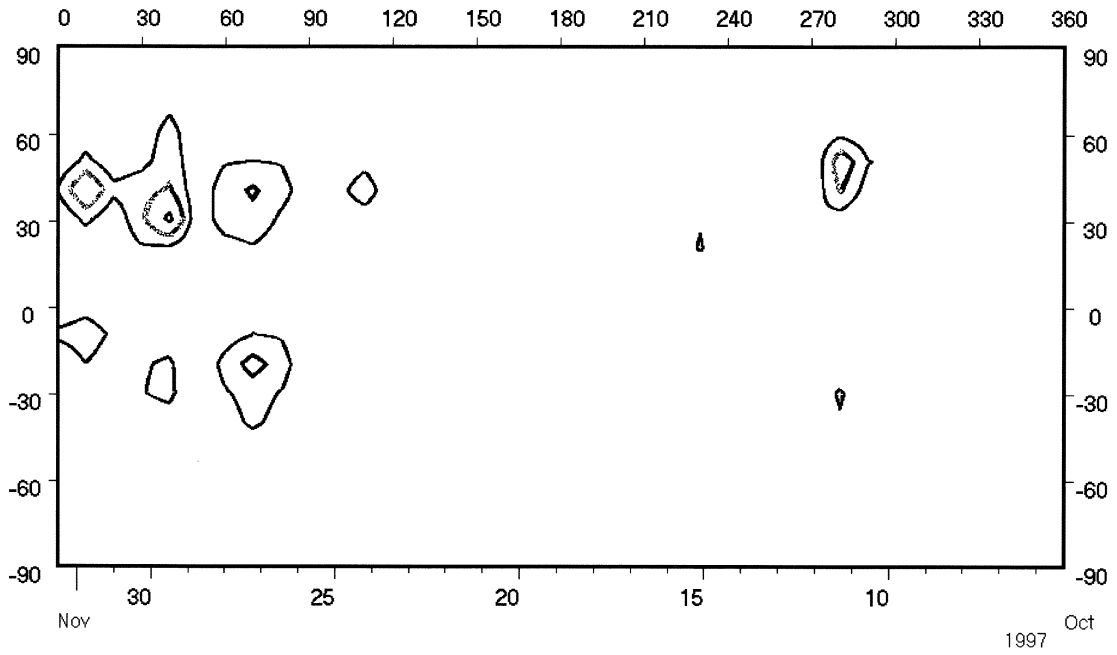
Kislovodsk Solar Station of the Pulkovo Observatory  
1997 - CR 1926



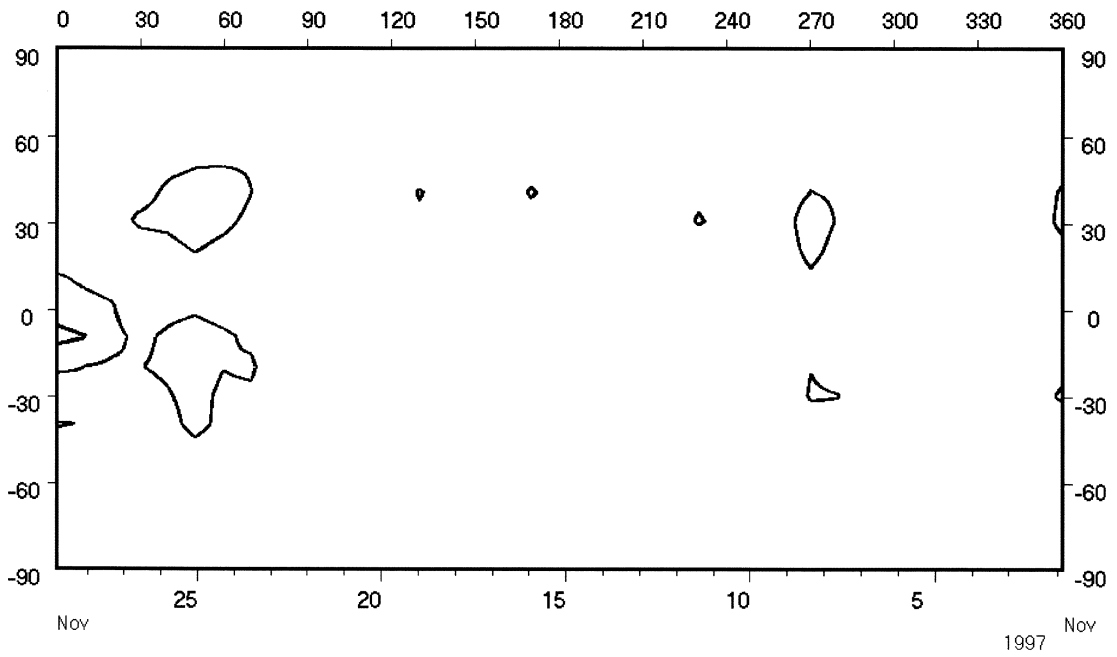
Kislovodsk Solar Station of the Pulkovo Observatory  
1997 - CR 1927



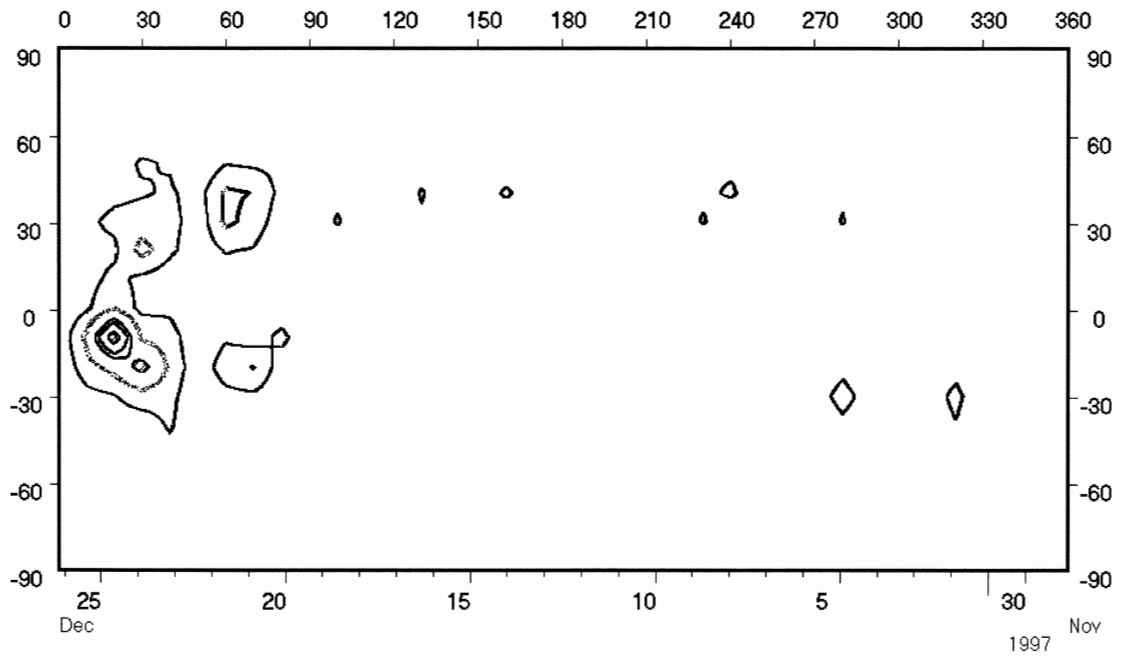
Kislovodsk Solar Station of the Pulkovo Observatory  
1997 - CR 1928



Kislovodsk Solar Station of the Pulkovo Observatory  
1997 - CR 1929



Kislovodsk Solar Station of the Pulkovo Observatory  
1997 - CR 1930



Kislovodsk Solar Station of the Pulkovo Observatory  
1997 - CR 1931

